

ABSTRACT

Disclosed is an extract from Korean mistletoe KM-110,
5 which is of immunity enhancement and activity against tumor
metastasis and can be used as an adjuvant material for
vaccines applicable for the induction of humoral and cell-
mediated immunity. Also disclosed are its fractions, a
protein fraction KM-AS, a lectin fraction KML-C, lectin
10 components KML-IIU and KML-IIL, which both are further
purified from lectin fraction KML-C, a protein KMHBP which
is obtained through heparin binding chromatography eluting
with NaCl from a fraction C-free AS which is a portion of
the KM-AS free of KML-C, and a mixture KM of the KMHBP and
15 the KML-C. They are revealed as to their roles in the
humoral and cell-mediated immunity enhancement and
antitumoral activity.